

PAVLENKO, Georgiy Yevstaf'yevich; GILELAKH, V.I., red.; DIKIJ,
V.N., ml. red.

[Vector method of ensuring safe navigation conditions for
ships] Vektornyi metod otspecheniya bezopasnosti pla-
yanila sudov. Kiev, Naukova dumka, 1965. 149 p.
(MIRA 18:8)

PAVLENKO, G.Ye., akademik

From personal recollections about Aleksei Nikolaevich Krylov.
Sudostroenie 29 no.8:4-6 Ag '63. (MIRA 16:10)

1. AN UkrSSR.
(Krylov, Aleksei Nikolaevich, 1863-1945)

PYATETSKIY, Vasiliy Yefimovich [P'YATETS'KYI, V.IU.]; PAVLENKO, G.Ye.
[Pavlenko, H.IE.], akademik, otv. red.; PECHKOVSKAYA, O.M.
[Pechkova, O.M.], red. izd-va; RAKHILINA, N.P., tekhn. red.

[Vessels of simplified shape for restricted channels] Sudna
sproshchenykh form dla obmezenoho farvateru. Kyiv, Vyd-vo
AN URSR, 1962. 66 p. (MIRA 16:3)

1. Akademiya nauk Ukr.SSR (for Pavlenko).
(Hulls (Naval architecture)) (Inland navigation)

SHAYBO, Nikolay Vladislavovich[Shaibo, N.V.]; PAVLENKO, G.Ye.
[Pavlenko, H.IE.], akademik, otv.red.; PECHKOVSKAYA, O.M.
[Piechkov's'ka, O.M.], red. izd-va; LIBERTAN, T.R., tekhn.
red.

[Ships on underwater wings] Sudna na pidvodnykh krylakh.
Kyiv, Vyd-vo Akad.nauk UkrSSR, 1962. 53 p. (MIRA 15:7)

1. Akademiya nauk UkrSSR(for Pavlenko).
(Planing hulls)

PAVLENKO, Georgiy Yevstaf'yevich; PECHIKOVSKAYA, O.M., red.izd-va;
MATVEYCHUK, A.A., tekhn.red.

[Regulation and automatic control of ship handling on rivers]
O regulirovaniye rezhimov i avtomatizatsii sudovozhdeniya na rekakh.
Kiev, Izd-vo Akad.nauk USSR, 1961. 24 p. (MIRA 14:6)

(Inland navigation) (Automation)

PAVLENKO, Georgiy Yevstaf'yevich; STEPANOV, Viktor Aleksseyevich; DUDCHENKO,
Oleg Grigor'yevich; PEGKOVSKAYA, O.M., red. izd-va; MATVEYCHUK,
A.A., tekhn. red.

[Determining ship elements for propulsion on canals at supercritical
speeds] Opredelenie elementov sudov dlia dvizheniya na kanalakh so
sverkhkriticheskimi skorostiami. Kiev, Izd-vo Akad. nauk USSR, 1961.
(MIRA 14:8)

28 p.
(Inland navigation) (Ship propulsion)

PAVLENKO, A.Y.

Efficient distribution of loads on a ship in view of its over-all strength. Sudostroenie 23 no.6:1-5 Je '57. (MLBA 10:7)

1. Chlen-korrespondent Akademii nauk USSR.
(Ships--Cargo)

PAVLENKO, G.Ye. [Pavlenko, H.IE.]

Automatic control of ships in inland navigation. Visnyk AN UESR
30 no. 8:14-18 Ag '59. (MIRA 13:1)

1.Chlen-korrespondent AN USSR.
(Ship handling) (Inland navigation)
(Automatic control)

PAVLENKO, G.Ye., doktor tekhn.nauk

Movements of ships in rivers and canals. Rech.trasp. 18 no.2:20-21
F '59. (MIRA 12:4)

(Ship resistance)
(Inland transportation)

PAVLENKO, G.Ye.

Designing ships equipped with underwater wings. Sudostroenie 24
no.11:5-9 N '58. (MIRA 12:1)

1. Chlen-korrespondent AN USSR.
(Naval architecture)

BALAYEV, D.N.; BEZUKLADOV, V.F.; DEREVYANKO, Yu.G.; IOFFE, A.F.; ISAKOV, I.S.;
HATTES, H.V.; MOISEYEV, A.A.; NEGANOV, V.I.; NOVOZELOV, V.V.;
PAVLENKO, G.Ye.; PERSHIN, V.I.; POPOV, V.F.; RETIVOV, V.S.

Seventy-fifth birthday of Academician IULIAN Aleksandrovich
Shimanskii. Sudostroenie 24 no.12:66-67 D '58.
(MIRA 12:2)
(Shimanskii, IULIAN Aleksandrovich, 1883..)

PAVLENKO, Georgiy Yevstaf'yevich; PECHKOVSKAYA, O.M., red.izd-va;
RAKHLINA, N.P., tekhn.red.

[Methods of determining acceptable conditions for navigation
on rivers and canals] Metodika opredeleniya dopuskayemogo
rezhima dvizheniya sudov na rekakh i kanalakh. Kiev, Izd-vo
Akad.nauk USSR, 1959. 26 p. (MIRA 13:5)
(Inland navigation)

PAVLENKO, Georgiy Yevstaf'yevich

[Principles of and diagrams for automating navigation on
rivers] Printsaipy i skhemy avtomatizatsii sudovozhdeniya
na rekakh. Kiev, Izd-vo AN USSR, 1962. 44 p.
(MIRA 17:10)

PAVLENKO, I.; PISEYSKAYA, L.

Changes in the method of planning public food service. Sov. torg.
33 no.12:31-33 D '59. (MIRA 13:2)

1. Starshiye ekonomisty otdela tovarcaborota Gosplan SSSR.
(Restaurants, lunchrooms, etc.)

PAVLENKO, I.; FEDORIN, P.

Fire engine house built by the firemen. Posh.delo 3 No.6:17 Je '57.
(MLRA 10:7)

1.Machinist posharnoy komandy, Chelyabinsk (for Pavlenko).
2.Sekretar' partiynoy organizatsii, Chelyabinsk (for Fedorin).
(Fire departments)

PAULENKII, I.						6 0 0 0

✓ Gas-Pressure Rises for Casting
Cherkasov, G. A. Karpunovskiy
Lithuania (Lietuva) Proceedings, No. 10, 1967, p. 1-6. [In Russian].
Gas pressure (3-4 atm.) was obtained in rises by placing in
the finer cavity gas-generating
in the form of a bell; the core of
of wood flour and clay (1 part
then coated with silica flour
dried. The onset of gas pressure
was controlled by the thick-
ness of the coating. Denser
rises were obtained.—V. K.

✓ 10
10
33

PAVLENKO, I.

Razvitiye pochtovoi sviazi v Sovetskoi Estonii. [The development of postal service in Soviet Estonia]. (Vestnik sviazi. Pochta, 1946, no. 7, p. 7).
DLC: HE7.V44

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

BOGUSHEVSKIY, Konstantin Sergeyevich, zasl. uchitel' shkoly RSFSR;
PAVLENKO, I.A., zasl. uchitel' shkoly RSFSR, rezensent;
BUKHANOV, G.N., rezensent; UMANSKIY, G.S., red.

[Problems of teaching geometry in eight-year schools;
manual for teachers] Voprosy prepodovaniia geometrii v
vos'mi-letnii shkole; posobie zlia uchitelei. Moskva, Iz-
vo "Pravdeshchchne," 1964. 109 p. (MIRA 17:6)

PAVLENKO, I.A.

Studying soils of one's own region. Geog.v shkole 19 no.5:39-48
S-0 '56. (MIRA 9:11)
(Soils)

PAVLENKO, I.A.

Use of ascites carcinoma cultures in a Petri dish in the selection
of organisms producing anticancer antibiotics. [with summary in
English]. Antibiotiki 3 no.1:14-17 Ja-F'58 (MIRA 11:5)

1. Laboratoriya izyskaniya i kul'tivirovaniya produsentov anti-
biotikov Instituta po izyskaniyu novykh antibiotikov AMN SSSR.
(ACTINOMYCES,

anti-cancer prod. strains, selection on ascites
carcinoma tissue culture (Rus))

(ANTIBIOTICS,

anti-cancer, selection of productive strains of
Actinomyces on ascites carcinoma tissue culture (Rus))

(CYTOTOXIC DRUGS,

antibiotics prod. by Actinomyces, selection of strains
on ascites carcinoma tissue culture (Rus))

(NEOPLASMS, experimental,

ascites carcinoma tissue culture in selection of
Actinomyces prod. anti-cancer antibiotics (Rus))

GAUZE, G.F.; UKHOLINA, R.S.; PREOBRAZHENSKAYA, T.P.; KOVALENKOVA, V.E.;
GAVRILINA, G.V.; PAVLENKO, I.A.

Antibiotic M725, a synergistic preparation from the esterocryptin group. Antibiotiki 9 no.9: 809-814 S '64. (MILIA 1964)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR, Moscow.

RYABOVA, I. D.; PAVLENKO, I. A.; VINOGRADOVA, Ye. I.; OVCHINNIKOV, Yu. A.; ALDANOVA, N.A.; KIRYUSHKIN, A. A.; IVANOV, V. T.; FEYGINA, M. Yu.

"Antimicrobial activity of depsipeptides."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Inst for Chemistry of Natural Compounds, AS USSR, Moscow.

PAVLENKO, I. A.; GAVRILOVA, I. P.

Heavy metal content in friable sediments of the upper Tanalyk
Valley (Southern Urals). Vop. geog. no. 59:82-104 '62.
(MIRA 16:1)

(Tanalyk Valley—Ore deposits)
(Tanalyk Valley—Geochemical prospecting)

ROZENTULLER, Viktor Markovich, uchitel' matematiki; PAVLENKO, I.A., red.;
MAKHOVA, N.N., tehn.red.

[Elements of technical instruction in mathematics lessons in the
schools for working youth] Elementy politekhnicheskogo obucheniia
na urokakh matematiki v shkolekh rabochei molodezhi; posobie dlia
uchitelei. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR,
(MIRA 14:3)
1960. 120 p.

1. Direktor Krasnosel'skoy shkoly rabochey molodezhi Leningradskoy
oblasti (for Rozentuller).
(Mathematics--Study and teaching)
(Evening and continuation schools)

GLEBOV, Il'ya Ivanovich, uchitel' matematiki; PAVLENKO, I.A., red.;
GORODILINA, T., tekhn.red.

[Exercises in inculcating arithmetic skills in grade 5-8
students of secondary schools; from work practice] Uprazhneniya
po privitiu vychislitel'nykh navykov uchashchimisya V-VIII klassov
srednei shkoly; iz opyta raboty. Moskva, Gos.uchebno-pedagog.
(MIRA 13:5)
izd-vo M-va prosv.RSFSR, 1959. 66 p.

1. Opalikhovskaya srednyaya shkola Moskovskoy oblasti (for Glebov).
(Arithmetic--Study and teaching)

DEPMAN, Ivan Yakovlevich; PAVLENKO, I.A., red.; TATURA, G.L., tekhn.red.

[History of arithmetic; textbook for teachers] Istorija arifmetiki;
posobie dlja uchitelei. Moskva, Gos.uchebno-pedagog.izd-vo M-vn
prosv.RSFSR, 1959. 422 p.
(Arithmetic)

USSR/General Problems of Pathology - Tumors. Experimental
Therapy.

U

Abs Jour : Ref Zhur Biol., No 5, 1959, 22789

Author : Pavlenko, I.A.

Inst :

Title : The Utilization of A Culture of Ascitic Carcinoma Cells
in Petri Dishes for Selection of Producers of Anticardino-
matose Antibiotics.

Orig Pub : Antibiotiki, 1958, 3, No 1, 14-17

Abstract : The method of selecting anticarcinomatose antibiotics in
Petri dishes with the utilization of a culture of ascitic
carcinoma of Ehrlich was modified by the author: the
time of keeping the dishes in the refrigerator has been
increased, the time of keeping in the thermostat has been
shortened, heparinized plasma of rabbits has been replaced
by diluted human plasma, a denser (3%) agar is used, the
concentration of methylene blue has been decreased.

Card 1/2

- 20 -

GLAZOVSKAYA, Mariya Al'fredovna, prof.; MAKUNINA, Aleksandra Aleksandrovna, kand. geogr. nauk; PAVLENKO, Irina Alekseyevna, kand. geogr. nauk; BOZHKO, Margarita Georgiyevna, starshiy laborant; GAVRILOVA, Irina Pavlovna, nauchnyy sotr., laborant; GRUNVAL'D, V.P., retsenzent; ZASUKHIN, G.N., retsenzent; PEREL'MAN, A.I., red.; FADEYEVA, I.I., red.; YERMAKOV, M.S., tekhn. red.

[Geochemistry of land forms and prospecting for minerals in the Southern Urals] Geokhimiia landshaftov i poiski poleznykh iskopemykh na Uzhdnom Urale. Pod red.A.I.Perel'mana. Moskva, Izd-vo Mosk.univ., 1961. 180 p. (MIRA 15:2)

1. Nachal'nik Yuzhno-Ural'skoy landshaftno-geokhimicheskoy ekspe-ditsii geograficheskogo fakul'teta Moskovskogo gosudarstvennogo universiteta (for Glazovskaya). 2. Yuzhno-Ural'skoye geologiche-skoye upravleniye Ministerstva geologii i okhrany nedor SSSR (for Grunval'd, Zasukhin). (Ural Mountains--Geochemical prospecting)

PAVLENKO, Ivan Antonovich; PUSTOVALOV, A.S., agronom-zootehnik, otvetstvennyy redaktor; VAGANOV, N.K., redaktor; BOSSOV, G.I., tekhnicheskiy redaktor

[Organizing the fattening of hogs] Iz opyta organizatsii stolbo-otkorma. Moskva, Gos.izd-vo torg.lit-ry, 1956. 29 p. (ML. 10:10)
(Swine--Feeding and feeding stuffs)

PAVLENKO, Ivan Antonovich; PUSTOVALOV, A.S., agronom-zootekhnik, otvetstvennyy redaktor; VAGIEVA, N.A., redaktor; ROSLOV, G.I., tekhnicheskiy redaktor

[Swine fattening] Iz opyta organizatsii svinootkorma. Moskva, Gos. izd-vo torg.lit-ry, 1956. 29 p.
(MLRA 10:7)
(Swine--Feeding and feeding stuffs)

PAVLENKO, I. A.

"Forest-Steppe Soil of the Southwestern Part of the Central Russian Highlands (e.g., Soil of Trostyanetskiy Forest Economy of the Sumskaya Oblast, Ukrainian SSR): Their Conditions, Properties, Origin and Change Under the Influence of Agricultural Cultivation." Sub 9 May 51, Soil Inst, Acad Sci USSR.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO : Sum. №. 480, o May 55

DEPMAN, Ivan Yakovlevich; LEVINK*, L.A., rev.

[History of arithmetic; textbook for teachers] Istorija
arifmetiki; posobie dlya uchitelei. Izd. 1. ispr. Mo-
skva, Prosvetitel'stvo, 1985. 414 p. (MILK 18:3)

PAVLENKO, I.D.

Reviewers group at the Vral Machinery Plant. Opyt rab. po tekhn.
inform. i prop. no.2:10-12 '63. (MIRA 16:12)

1. Nachal'nik otdela tekhnicheskoy informatsii na Ural'skom
zavode tyazhelogo mashinostroyeniya.

PAVLENKO, I.D.

Practices of the technological information section of the
Ural Machinery Plant. NTI no.12:9-11 '64. (MIRA 18:3)

POLONSKIY, M.S.; GORAVIN, M.A.; DZYUBENSKIY, Ye.B.; TURGENEV, A.I.;
TUBOV, V.C.; SVERDLOVKOV, L.A.; YAKUN', F.V.; KRYVUL'KA, M.M.;
AFFYEV, B.A.; YATIKOV, L.I., starshiy stroitel' sredov;
PAVLENKO, L.F.; YEGOROV, B.M., inzh.; MAZOV, A.V., inzh.

Readers' response to the article by engineer M.S. Dzuban
entitled "Method of mounting the main engines with minor
deformations of the foundation frame and the craneshaft".
Suzostrroenie 35 no. 10-11 '94.

... Gruppov y inzh.-ekspertami nauchno-tekhnicheskogo "Prospekta" i. i. Glavnoy
... inzh.-inspektor elektricheskoi f. "Yukon"). A. Glavnyy inzh.-
inspektor inspeksiya registratsii SSM Baltiyskogo passeyera (for Kreft-
yev). ... starshiy tekhnicheskii teplokhoda "Tadzhikistan" (for Pavlenko).

DELIMARSKIY, Yu.K.; ZARUBITSKIY, O.G.; FAVLENKO, I.G.

Migration of intermetallic compounds in fused caustic soda.

Ukr.khim.zhur. 31 no. 5:469-474 '65.

(MIRA 18:12)

I. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

Submitted Febr. 4, 1964.

DELIMARSKIY, Yu.K.; ZARUBITSKIY, O.G.; PAVLENKO, I.G.

Anode processes in alkaline melts involving intermetallic compounds.
Ukr. khim. zhur. 31 no.6:573-578 '65. (MIRA 18:7)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239520011-7

Electromagnetic spectrum of the title compound. Infrared spectrum of the title compound. Infrared spectrum of the title compound.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239520011-7"

PAVLENKO, I.G.; GRINYUK, A.P.

Electrolytic treatment of lead in melts using a porous
membrane. Ukr. khim. zhur. 29 no.8:868-873 '63.
(MIRA 16:11)
1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

L-12439-63
ACCESSION NR: AP3002501

EWP(q)/EMT(m)/BDS

AFTG/ASD

JD

S/0073/63/029/006/0647/0650

59

AUTHOR: Pavlenko, I. G.; Zarubitskiy, O. G.; Rom, Yu. G.

58

TITLE: Anodic refining of bismuth in molten chloride electrolytes

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 29, no. 6, 1953, 647-650

TOPIC TAGS: anodic refining, bismuth, molten chloride, electrolytes

ABSTRACT: This is a continuation of experiments conducted by the authors previously (Zhurnal prikl. kh., 35, 1962, 317). In order to replace the complex technology of the pyrometallurgical process of refining and obtaining bismuth, the authors propose the use of a highly intensified process of anodic dissolution of bismuth alloys in molten chloride electrolytes. To obtain bismuth of purer quality the triple eutectic NaCl-CaCl₂-BaCl₂ was used in the experiment as the chloride electrolyte. The authors determined that the increased effectiveness of anodic refining of bismuth can be obtained by applying chloride electrolytes free of lead compounds. The data of this experiment were proven to be correct by the results of the experiments conducted on a larger scale of anodic refining of crude bismuth. Orig. art. has: 2 tables and 1 figure.

Association: Institute of General and Inorganic Chemistry

Cord 1/1

DELIMARSKIY, Yu.K.; PAVLENKO, I.G.; KOSMATYY, Yu.Ye.

Electrolytic refining of zinc in fused silicate electrolytes. Zhur.
prikl. khim. 33 no.8:1840-1843 Ag '60. (MIRA 13:9)
(Zinc) (Silicates) (Electrolysis)

CHERKASOV, L.M.; PAVLENKO, I.I.; KOLESNIK, L.A.

Effect of the nature of cast iron and crystallization conditions
on the characteristics of the macrostructure. Izv. vys. ucheb.
zav.; chern. met. 7 no.8:155-160 '64. (MIRA 17:9)

1. Dnepropetrovskiy metallurgicheskiy institut.

CHERKASOV, L.M., kand. tekhn. nauk; PAVLENKO, I.I., inzh.; KOLASHEK, L.A.,
inzh.

Effect of the chemical composition of blast furnace cast iron
and its preliminary treatment on the formation of scabs in the
corners and bottom part of ingot molds. Lit. proizv. no.12:
~~23-25~~ D '65. (MIR 18:12)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239520011-7

PAVLENKO, I.I., inzh.; LEYBICHENKO, V.M., inzh.

Device for cleaning the molds. Lit. pat. no. 9434-35 S '65.
(MIRA 18-10)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239520011-7"

BRAYNINA, R.A.; MARGULIS, L.A.; KOVALEVSKAYA, I.L.; MITEREVA, V.G.; FERDINAND,
Ya.M.; PUTRIN, N.G.; PAVLENKO, I.P.; TUPIKINA, V.A.; UDAVICHENKO, V.Ya.;
KOBYZEVA, O.V.

Epidemiological effectiveness of dried alcoholic divaccine, enriched
and nonenriched with Vi-antigens in school-age children and of Vi-
antigens in preschool-age children in a typhoid fever outbreak. Zhur.
mikrobiol., epid.i immun. 40 no.12:18-22 D '63.

(MIRA 17:12)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta epidemiologii
i mikrobiologii.

PAVLENKO, I.Ya.; LOKSHIN, B.S.; PARCHEVSKIY, L.Ya.

Transfer to the caving method of roof control. Ugol' 36 no.4:17-
19 Ap '61. (MIRA 14:5)

1. Shakhta No.17-bis tresta Chistyakovantsit (for Pavlenko);
2. Dnepropetrovskiy gornyy institut (for Lokshin, Parchevskiy).
(Mining engineering)

PAVLENKO, I. G.

PHASE I BOOK EXPLOITATION 507/2216

Sovremennye po elektronike. Ath. Monogr. 1956.
Trudy... [izdaniye] (Transactions of the Fourth Conference on Electrochemistry; Collection of Articles) Moscow Izdat. AN SSSR, 1959. 868 p. Errata slip inserted. 2,500 copies printed.
Sponsoring Agency: Akademii nauk SSSR. Otdeleniye Khimicheskikh nauk.

Editorial Board: A. N. Prusikin (Rep. Ed.), Academician, O. A. Yesin, Professor; S. I. Zhdanov (Rep. Secretary), B. I. Kabanov, Professor; Professor, S. I. Zhdanov (Rep. Secretary), B. I. Kabanov, Professor; Ye. M. Kolotyrkin, Doctor of Chemical Sciences V. V. Lobe, P. D. Lukovtsev, Professor; Z. A. Solov'yeva, V. V. Stender, Professor; and G. M. Florjanovich; Ed. of Publishing House: N. G. Tsvorov; Tech. Ed.: T. A. Prusakova.

PURPOSE: This book is intended for chemical and electrical engineers, physicists, metallurgists and researchers interested in various aspects of electrochemistry.

SCOPE: The book contains 127 of the 138 reports presented at the Fourth Conference on Electrochemistry sponsored by the Department of Chemical Sciences and the Institute of Physical Chemistry of the Academy of Sciences USSR. The collection pertains to different branches of electrochemical kinetics, double layer theories and galvanic processes in metal electrodeposition and industrial electrolysis. Abridged discussions are given at the end of each division. The majority of reports not included here have been published in periodical literature. No personalities are mentioned. References are given at the end of most of the articles.

Kuznetsov, D. S., and V. A. Jelazov (Dnepropetrovsk). Polarization of Graphite Electrodes During the Anodic Separation of Chlorine

Bulyantsev, V. Ye., and O. A. Tsvetanov (Institute of Chemistry, Academy of Sciences, UkrSSR). Hydrogen Overvoltage at Electrodes With Homogeneous Surface

Babkov, A. A., R. I. Maslava, and E. V. Kasatkin (Physicochemical Institute Imeni L. Ya. Karpovi). Mechanism of the Simultaneous Electrochemical Formation of Parafuric Acid, Sulfur and Oxygen at a Platinum Anode in Sulfuric Acid Solutions

Vol'cov, G. I., Z. I. Kitina, Ye. K. Susurova and N. V. Cheryshina. Influence of Surface Active Substances on the Rate of Decomposition of Sodium Amalgams

Ilin, G. O., and V. I. Skripchenko (Novocherkassk Polytechnic

Card 337-1A

Transactions of the Fourth Conference (Cont.) 507/2216

Influence of the Nature of an Electrolytic Cell on the Anode Process During the Electrolysis of Alkaline and Alkaline-Earth-Metal Chloride Solutions

Yaroshin, N. N. (Decayed). B. G. Prikhodchenko, A. A. Yetifiryan, D. V. Tsvetova, T. G. Pavlenko, Ye. Kh. Ignatenko, Ye. V. Trifunin (Kiev Politechnic Institute). Electrolytic Reduction of Oxygen At Porous Cathodes

Discussion [N. A. Pedotov, R. I. Kaganovich, Ye. M. Kuchinovskiy, G. N. Kocharov, and contributing authors]

AVAILABLE: Library of Congress

Card 337-1A

TMCRC

9-10-40

PAVLENKO, I.G., Cand Chem Sci--(disc) "Electrolytic reduction of uranyl
on mercury-silver electrodes." Kiev, 1954. 15 pp (Acad. of Sci. UkrSSR.
Inst of General and Inorganic Chemistry). 100 copies (N.I. - 1, 11)

DELIMARSKIY, Yu.K.; PAVLENKO, I.G.; ZARUBITSKIY, O.G.

Electrochemical separation of lead and bismuth with the formation
of intermetallic compounds. TSvet. met. 36 no.9:85-88 S '63.
(MIRA 16:10)

PAVLENKO, I.G.; ZARUBITSKIY, O.G.; ROMS, Yu.G.

Anodic refining of bismuth in fused chloride electrolytes. Ukr.
khim.zhur. 29 no.6:647-650 '63. (MIRA 16:9)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.
(Bismuth---Electrometallurgy)

PAVLENKO, I.G. [Pavlenko, I.H.]; ZARUBITSKIY, O.G. [Zarubyts'kyi, O.H.];
ROMS, Yu.G. [Roms, IU.H.]; OLIYNIK, V.A. [Oliinyk, V.A.]

Use of heat-resistant concrete in lead-chloride melts. Khim.
prom. [Ukr.] no.2:73-75 Ap-Je '63. (MIRA 16:8)

PAVLENKO, I.G. [Pavlenko, I.H.]

Polarization of porous heterogeneous cathodes during electric reduction of oxygen [with summary in English]. Dep. AN URSR no.1:49-54 '58. (MIRA 11:5)

1. Institut zagal'noi ta neorganichnoi khimii AN URSR. Predstavлено akademikom AN USSR Yu.K. Delimarskim.

(Reduction, Electrolytic)
(Polarization (Electricity))
(Oxygen)

AUTHOR:

Pavlenko, I.G.SOV/21-58-2-21/2^a

TITLE:

On the Regularities of Cathodic Formation of Hydrogen Peroxide
(O zakonomernostyakh katodnogo obrazovaniya perekisi vodoroda)

PERIODICAL:

Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 2,
pp 204-209 (USSR)

ABSTRACT:

The study of hydrogen peroxide formation in the cathodic reduction of oxygen has been the subject of many investigations [Ref 1]. However, general regularities of the cathodic formation of peroxide have remained unexplained. In the present article the author shows that the process of hydrogen peroxide formation in cathodic reduction of oxygen should depend on adsorption phenomena on the cathode surface and on the kinetics of the electrical reduction and catalytic decomposition of hydrogen peroxide. On the basis of modern notions of the theory of retarded discharge, relations have been derived which determine the basic regularities of the cathodic formation of hydrogen peroxide. These relations have been experimentally confirmed while studying the formation of hydrogen peroxide on mixed mercury and porous mercury-silver cathodes in acid solutions. The derived relations satisfactorily explain the experimental data obtained by other in-

Card 1/2

SOV/21-58-2-21/28

On the Regularities of Cathodic Formation of Hydrogen Peroxide

vestigators. The present investigation was discussed with Yu.K. Delimarskiy.

There are 3 graphs, 2 tables and 8 references, 5 of which are Soviet, 1 English and 2 German.

ASSOCIATION: Institut obshchey i neorganicheskoy khimii AN UkrSSR (Institute of General and Inorganic Chemistry of the AS UkrCSR)

PRESENTED: By Member of the AS UkrSSR, Yu.K. Delimarskiy

SUBMITTED: May 15, 1957

NOTE: Russian title and Russian names of individuals and institutions appearing in this article have been used in the transliteration.

Card 2/2

DEZHNEV, V. M.; ZARUBITSKIY, O.G.; PAVLENKO, I.N.

I. Activity of some sodium intermetallic compounds in a fused
salt. Ukr. khim. zhur. 30 no.14 p1239-1292 '64
(UFA 18:1)

I. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

AUTHOR: Pavlenko, I.G. 21-58-5-20/28

TITLE: Current Redistribution on Heterogeneous Electrode Surfaces
(Pereraspredeleniye toka na neodnorodnykh elektrodykh poverkhnostyakh)

PERIODICAL: Dopovidi Akademii nauk Ukrains'koi RSR, 1958, Nr 5, pp 544-548 (USSR)

ABSTRACT: Electrochemical processes take place mainly on electrodes whose surface has a marked heterogeneity. The effect of redistribution of current on the kinetics of electrochemical processes occurring on heterogeneous electrode surfaces has not been sufficiently studied. The author makes an assumption that a heterogeneous electrode surface can be considered as composed of a number of approximately equal micro-parts consisting of elementary areas which have either different or the same electrochemical properties. These elementary areas can be arranged in a series according to the rate of the electrochemical process. The differences in this rate can be interpreted as arising through the existence of additional resistances which are equivalent, according to Ohm's law, to an additional increase in overvoltage, i.e., potential jump in the layer close to the electrode layer.

Card 1/3

21-58-5-20/28
Current Redistribution on Heterogeneous Electrode Surfaces

On the basis of a known kinetic formula, the author derived the most general dependence of the overvoltage on the current intensity, which is applicable to various electrode processes:

$$\eta = b A r s h \frac{I - I_2}{2 I_o S} = 2 b A r s h I_2 \sqrt{\frac{f(r_1)}{S I_2 b}} + f'(r_1) I_2$$

where I is the total current intensity flowing through a microsection of the heterogeneous electrode surface; I_2 is its component flowing through elementary areas having various additional resistances; I_o is exchange current; $f(r_1)$ and $f'(r_2)$ are derivatives of the function expressing the electrochemical properties of the heterogeneous electrode surface; and b is a constant. The correctness of this formula has been confirmed experimentally in studying cathode processes of liberating hydrogen and reducing oxygen on porous silver and mercury-silver electrodes. There is 1 circuit diagram, 2 graphs, 1 table and 4 Soviet references.

Card 2/3

current resistance, and on resistance of the electrodes. The
ASMLI No. Institute of Strength & Resistance Research, Moscow, Russia,
and Institute of General and Inorganic Chemistry, Moscow, Russia.

Also, by request of the A. Tarn, the following subjects were
selected:

ASMLI No. Institute

1. Electrodes--Surfaces
2. Electrodes--Properties
3. Electrodes--Structure
4. Electrodes--Composition

1. Electrodes--Surfaces

Table 1

AUTHOR: Pavlenko, I.G. (I.H.) 21-1-11/26

TITLE: Polarization of Porous Heterogenous Cathodes in the Process of Electrical Reduction of Oxygen (Polyarizatsiya poristykh neodnotodnykh katodov v protsesse elektrovoostanovleniya kisloroda)

PERIODICAL: Dopovidi Akademii Nauk Ukrains'koi RSR, 1958, # 1, pp 49-54 (USSR)

ABSTRACT: On the basis of the theory of decelerated discharge and activated adsorption, the author derived a kinetic equation for the process of electrical reduction of oxygen on heterogeneous cathode surfaces with sufficiently high current densities. This equation looks as follows:

$$\varphi = \text{CONST} + A_d P_{O_2} \left(\frac{I}{I_s} \right)^n - \frac{RT}{\alpha F} \ln I + \frac{nRT}{\alpha F} \ln P_{O_2} \left(1 - \frac{I}{I_s} \right)$$

where A_d could be named the coefficient of adsorptional polarization, as its magnitude is determined by the properties of oxygen adsorption on the cathode surface in the following way:

Card 1/3

Polarization of Porous Heterogenous Cathodes in the Process of Electrical
Reduction of Oxygen 21-1-11/26

$$I_d = \frac{\alpha_1 C}{\alpha F} \cdot \frac{a}{[O_2]_s^n}$$

The meaning of the signs used in these formulas is given below: P_{O_2} is the oxygen pressure, I_d - is the current density, I_d - is the limiting current density for the process of oxygen reduction, RT - is the product of a gas constant by its absolute temperature, α and α_1 are kinetic constants, F - is the Faraday number, C - is a constant, $[O_2]_s^n$ - is the maximum surface concentration of oxygen, and the value of n is within the limits: $0 < n \leq 1$.

The correctness of this equation was confirmed in experiments of oxygen reduction on porous silver and mercury-silver electrodes. It was shown that the degree and nature of heterogeneity of the cathode surface determines the kinetic process, while a porous character of the electrodes has only an insignificant effect.

The article contains 3 tables, 3 graphs, 7 Russian, 1 German and 1 Ukrainian references.

Card 2/3

21-1-11/26

Polarization of Porous Heterogenous Cathodes in the Process of Electrical Reduction of Oxygen

ASSOCIATION: Institute of General and Inorganic Chemistry (Instytut zahal'-noi ta neorganichnoi khimii AN URSR) of the Ukrainian Academy of Sciences

PRESENTED: By Academician of the Ukrainian Academy of Sciences Yu.K. De'limarskiy (Delimars'kyy)

SUBMITTED: 10 April 1957

AVAILABLE: Library of Congress

Card 3/3 1. Oxygen-Reduction 2. Cathodes-Polarization 3. Mathematics

PAVLENKO, I.G. [Pavlenko, I.H.]

Cathodic formation of hydrogen peroxide [with summary in English].
(MIRA 11:5)
Dop. AN URSR no.2:204-209 '58.

1. Institut zagal'noy ta neorganichnoy khimii AN URSR. Predstavleno
skademikom AN USSR Yu. K. Delimarskim [IU.K. Delimars'kym].
(Hydrogen peroxide) (Electrochemistry)

PAVLENKO, I.G. [Pavlenko, I.H.]

Current redistribution on heterogeneous electrode surfaces [with
summary in English]. Dop. AN URSR no.5:544-548 '58. (MIRA 11:6)

1. Institut zagal'noi ta neorganichnoi khimii AN URSR. Predstavлено
akademikom AN USSR Yu. K. Delimarskim.
(Electrochemistry)

PAVLENKO, I.G.

"The Electroreduction of Oxygen (Oxygen Depolarization) on Mercury, Porous Silver, and Porous Silver Amalgamated Cathodes." Cand Tech Sci, Kiev Order of Lenin Polytechnic Inst, Min Higher Education Ukrainian SSR, Kiev, 1955. (KL, No 18, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16)

PAVLENKO, I.G. [Pavlenko, I.H.]

Reversibility in electrochemical processes of oxygen reduction.
Dop. AN URSR no. 3:353-358 '61. (MIRA 14:3)

1. Institut obshchey i neorganicheskoy khimii AN USSR. Predstavлено
академиком AN USSR Yu.K.Delimarskim [Delimars'kyi, IU.K.].
(Reduction, Electrolytic) (Oxygen)

34971
S/080/62/035/002/009/022
D204/D302

10.3100
AUTHORS: Delimarskiy, Yu. K., Pavlenko, I. G., Roms, Yu. G.
and Melnikov, V. I.

TITLE: Electrolytic preparation and refinement of Bi in melts

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no. 2, 1962, 317-321

TEXT: Direct production and purification of Bi were carried out in (a) a ternary eutectic of 48 mol.% PbCl₂, 35 KCl and 17 NaCl, and (b) a eutectic of 36 mol.% NaCl, 47 CaCl₂ and 17 BaCl₂, by the method of anodic solution. The apparatus used is illustrated and described. The experiments were carried out at 500+20°C, in porcelain or alumina crucibles, using Mo cathodes, while the Bi alloys were melted and served as anodes. A description of the procedure is given. Study of the removal of Pb from 85Bi15Pb alloys, using electrolyte (a) showed that the time of purification decreased (from 3 1/2 to 1 hour) when the current density was raised from 0.25 to 0.83 amp/cm². The current efficiency was 80 - 90%. Practically all ✓

Card 1/3

Electrolytic preparation and ...

S/080/62/075 1007/09 320
D204/D502

F. I. Keneshev and D. Cuticciotti. J. Phys. Chem., v. 57, 547 (1953); I. Cobet + ibid., 62, p. 1149 (1958).

ASSOCIATION: Institut obshchey i neorganicheskoy khimii AN UkrSSR (Institute of General and Inorganic Chemistry of the AS UkrSSR)

SUBMITTED: Martin, 1960.

X

Card 3/3

S/080/62/035/002/010/022
D202/L302

AUTHORS: Delimarskiy, Yu. K., Pavlenko, I. C., and Zarutitskiy
O. G.

TITLE: Electrolytic refining of lead from bismuth

PERIODICAL: Zhurnal prikladnoy khimii v 35, no 2, 1962, p. 317

TEXT: The authors carried out experiments on separating Bi from lead by the electrolysis of molten lead, using molten Pb with infinite Bi contents as a liquid cathode, with fused NaOH as the electrolyte, and molten Pb in the anode compartment as a liquid anode. The effects of time of electrolysis on the concentration of Bi in the cathode and anode compartments was studied, starting with Pb of different Bi contents. The influence of the current density on the cathode and the combined effect of these factors on the specific electric energy consumption A-h/kgPb were also investigated. It was found that after 3 hours at 340°C, with a current of 50 amp and a voltage of 2.4 V the amount of bismuth in lead could be reduced from 1.43 to 0.06% and from 0.5 to 0.0019% in the a

Card 1/3

Electrolytic refining of ...

S/080/62/035/002/000/022
D202/D302

thode compartment. It may also be increased from 0.0085 to 3% in the anode compartment, when the Pb in it is used once; by reusing it twice the amount of Bi in this compartment may rise to 10-15%. The energy consumption A-h/kgPb depends on the initial Bi content in lead, and the degree of its refining, becoming lower at lower current densities, although the process takes longer. The proposed method is considered suitable for industrial use. After discussing possible cathodic and anodic reactions (on data taken from Western literature) the authors state that their preliminary experimental results lead the way to further investigations for better elucidation of the mechanism and kinetics of the process. There are 6 figures, 1 table and 15 references: 7 Soviet-bloc and 8 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: T. R. A. Davey, J. Metals 3, 341, 1956; J. C. Dittmer (to National Lead Co.), US Pat. 2,402,316, 18 VI 1946 and 2,507,096, 9V 1950; O. Kubaschewski and J. A. Catterall. Thermochemical data of alloys, London, N.Y., 2e, 1956.

Card 2/3

Electrolytic refining of ...

S/080/62/035/002/010/022
D202/D302

ASSOCIATION: Institut obshchey i neorganicheskoy khimii AN USSR
(Institute of General and Inorganic Chemistry of the
AS UkrSSR)

SUBMITTED: March 18, 1961

Card 3/3

DELIMARSKIY, Yu.K.; PAVLENKO, I.G.; ROMS, Yu.G.; MEL'NIKOV, V.I.

Electrolytic production and refinement of bismuth in melts.
Zhur. prikl. khim. 35 no.2: 317-321 F '62. (MIRA 15:2)

1. Institut obshchey i neorganicheskoy khimii USSR.
(Bismuth--Electrometallurgy)

DELIMARSKIY, Yu.K.; PAVLENKO, I.G.; ZARUBITSKIY, O.G.

Electrolytic removal of bismuth from lead. Zhur.prikl.khim.
35 no.2:322-327 F '62. (MIRA 15:2)

1. Institut obshchey i neorganicheskoy khimii AN USSR.
(Lead---Electrometallurgy) (Bismuth)

L 13083-66 EWT(n)/EFF(n)-2/EWP(t)/EWP(z)/EWP(b) IJP(c) JD/WH/HM/JB/WB/MJW(CL)
ACC NR: AP6002220 (A) SOURCE CODE: UR/0080/65/038/012/2835/2841

AUTHOR: Delimarskiy, Yu. K.; Zarubitskiy, O. G.; Pavlenko, I. G.

ORG: Institute of General and Inorganic Chemistry AN UkrSSR (Institut obshchey i neorganicheskoy khimii AN UkrSSR)

TITLE: Corrosion and passivation of metals in molten sodium hydroxide

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 12, 1965, 2835-2841

TOPIC TAGS: nickel, tungsten, corrosion, ~~electrochemistry~~, sodium hydroxide, ~~potentiometer~~, electrolysis, electrode

ABSTRACT: The electrolytic behavior of nickel and tungsten in molten sodium hydroxide was studied using a setup shown in Fig. 1. The test temperature was $340^{\circ}\pm 2^{\circ}$ C. The capacitance scattering and resistivity of nickel and tungsten electrodes in molten NaOH are shown. It was found that passivation of nickel in molten NaOH is reflected in increased differential capacitance and in decreased electrolyte resistivity. No such behavior was observed in the case of a tungsten electrode. The presence of Na_3Bi in molten NaOH is reflected in increased capacitance scattering

Caro 1/3

UDC: 620.193.4 + 661.322.1 + 541.13

L 13083-66

ACC NR: AP6002220

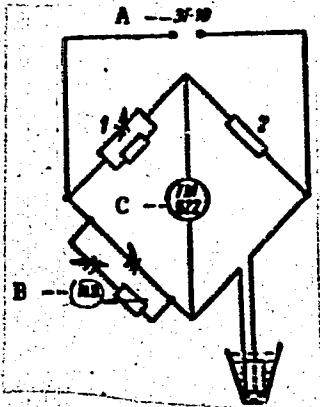


Fig. 1. Schematic setup for studying electrode impedance.

A - 2G-10 generator; B - external standard;
C - TM-622 potentiometer; 1 - capacitance;
2 - resistor.

Cord 2/3

L 3083-66

ACC NR: AP6002220

and reduced resistivity of the tungsten electrode. Orig. art. has: 7 figures.

SUB CODE: 07// SUBM DATE: 04Apr64/ ORIG REF: 010/ OTH REF: 004

DR
Card 3/3

PAVLENKO, I.I.; NIKITENKO, V.I.

Equipment for feeding the mold wash to the working area. Lit.
(MIRA 18:6)
proizv. no. 245 F '65.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239520011-7

PAVLENKO, I.I., inzh.; ROVENSAYA, T.V., inzh.; KAS'YANOVA, T.S., inzh.

Macrophotography of graphite to reveal its eutectic grain. Lit.
(MIRA 18:8)
proizv. no. 7:44 Jl '65.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239520011-7"

GARMASH, I. I., inzh.; GOMBERA, A. Ya., inzh.; PAVLENKO, I. I., inzh.

Mechanized painting of ingot molds and cores. Mekh.i avtom.
proizv. 18 no. 5:26-27 My '64. (MIRA 17:5)

PAVLENKO, I.I.; GEMBERA, A.Ya.; SHAPOVALOVA, N.D.; KAZAK, A.V.

Manufacture of large ingot molds from converter pig iron
of primary smelting. Stal' 24 no.1:35-36 Ja '64.
(MIRA 17:2)

1. Krivorozhskiy metallurgicheskiy zavod.

PAVLENKO, I.I., inzh.; SKOBKIN, M.F., inzh.; KARLEBA, L.S., inzh.

Casting killed steel testing rams. Met. i gornorud. prom.
no.5:76-77 S-0 '63. (MIRA 16:11)

1. Krivorozhskiy metallurgicheskiy zavod imeni Lenina.

P. V. Ivchenko, I. I.

2603. Shrinkage Heads With Internal Gas Pressure for
Aluminum Alloy Castings. Pravil's vnutrennaya gazoym
dvizheniya slla olyivok iz aluminiiistykh solerov. (Russian.)
L. M. Cherkasov, G. A. Kabanovskii, I. I. Ivchenko, and A. P.
Lubenski. Metalnoe Proizvodstvo, 1953, no. 5, Aug., p. 1-3.
Utilization of different pressure-producing charges, and their
influence on the quality of Al castings. Table, graph, photo-
graph. 5 ref.

KOLGANOV, G.S.; PAVLENKO, I.I.; GETMANETS, Zh.S.; CHERNIGA, I.L.; SKOENIN, M.F.

Using trays with ceramic inserts for the top pouring of steel.
Stal' 23 no.6:515-516 Je '63. (MIRA 16:10)

1. Krivorozhskiy metallurgicheskiy zavod.

PAVLENKO, I. I.
CHERKASOV, L.M.; KAPLUNOVSKIY, G.A.; PAVLENKO, I.I.; LUBENETS, A.P.

Risers with internal gas pressure for making castings from aluminum alloys. Lit.proizv.no.5:1-3 Ag '54. (MLRA 7:8)
(Aluminum founding)

PAVLENKO, I.K.; USTINOV, N.P., dots.

Adoption of industrial methods in the repair of springs.
Elektr. i tepl. tsiaga 3 no.11:34-35 N '59. (MIRA 13:3)

1. Zamestitel' nachal'nika ottdela Glavnogo upravleniya
lokomotivnogo khozyaystva Ministerstva putey soobshcheniya
(for Pavlenko). 2. Moskovskiy institut inzhenerov zheleznodoro-
zhnogo transporta (for Ustinov)
(Railroads--Maintenance and repair)

PAVLENKO, I.K.

Advanced course on problems of automatic control and mechanization of production. Elektr. tepl. tiaga 3 no. 8:41 Ag '59.
(MIRA 12:12)
(Locomotives)

KIST'YANTS, L.K.; POPLAVSKIY, A.N.; SPIRIN, A.N.; ZOLOTUKHIN, V.N.;
PAVLENKO, I.K., inzh., retsenzent; POPOV, A.V., inzh.,
red.; BOBROVA, Ye.N., tekhn. red.

[Depot forging furnaces operated with liquid fuel, natural,
and liquefied gas] Depovskie kuznechnye gorny na zhidkom
toplive, prirodnom i szhizhennom gazakh. Moskva, Trans-
zheldorizdat, 1963. 29 p. (MIRA 16:7)

(Forge shops--Equipment and supplies)
(Railroads--Repair shops)

PAVLENKO, I. K., otv. za vypusk; USENKO, L. A., tekhn. red.

[Safety and industrial sanitation regulations for locomotive depots] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii dlja lokomotivnykh depo. Moskva, Vses. izdatel'sko-poligr. ob'edinenie Mava putei soobshcheniya SSSR, 1961. 44 p.
(MIRA 14:12)

1. Russia (1923- U.S.S.R.) Glavnaya upravleniye lokomotivnogo khozyaystva.
(Railroads--Repair shops)

PAVLENKO, I.K., inzh.

Modernizing wheel lathes. Elek. i tepl.tiaga 3 no.2:17-19
F '59. (MIRA 12:4)
(Lathes) (Car wheels)

ZADNEPROVSKIY, A.Ya., kand. tekhn. nauk; PAVLENKO, I.K., inzh.

Machining wheel pairs without rolling. Zhel. dor. transp. 41
no.4:73-74 Ap '59. (MIRA 12:6)
(wheel pairs--Maintenance and repair)

PAVLENKO, I.K., 1msh.

~~Cutters with chip breakers. Elek. i tepl. tiaga no.12:32-33 D '57.~~
(Cutting tools) (MIRA 11:1)

PAVLENKO, I.K., inzhener.

Hydraulic cams for wheel turning lathes. Elek. i topl. tiaze
no.5:28 My '57. (MIRA 10:7)
(Car wheels) (Lathes)

PAVLENKO, I.M., inzh.

Planning on the building site of the Kuybyshev Hydroelectric Power Station. Energ.stroi. no.5:56-62 '58. (MIRA 12:5)

1. Nachal'nik planovogo otdela Kuybyshevgidrostroya.
(Volga Hydroelectric Power Station)

PAVLENKO, I.M.

Encerpta Medica Sec 9 Surgery Vol. 8/7 July 1954

4161. PAVLENKO, I.M. "The mechanism of action of tissue therapy
(Russian text) SOVETSK. MED. 1953, 8 (8-13)
Clinical and experimental investigations have shown that Filatov's tissue therapy
is an extremely efficacious mode of treatment. Both hetero- and homografts act
on the entire organism, especially by reflex action through all the nerve tracts of
the receiver. The transplanted tissues determine a rise of the recipient's immunity
with regard to both sensitization and desensitization. The action of the various
tissues transplanted shows certain particulars corresponding with the chemical and
colloid chemical changes they cause. Tissue grafts may bring about a change and
even a deviation in the receiver's reaction to some drugs; hence altogether differ-
ent and even paradoxical reactions may be met with following tissue grafting. Tis-
sue therapy should not be applied at random; therefore, but only on exact indica-
tions; special account should be taken of the particular physiological make-up of the
receiver, since in cases where tissue therapy is not indicated it may even be dan-
gerous by activating latent disease processes and by provoking such as did not exist
before. On the strength of these data, a very careful choice of patients to be subject-

4161 Cont'd

ed to tissue therapy is required in order to avoid the occurrence of sequelae due
to a treatment which, when carefully weighed and applied, may yield marked and
useful improvements in various morbid conditions. Parenti - Farman (25-3)

V, V. N. K. T. M.

AUTHOR: Kuznetsov, D.G. Engineer, and Pavlenko, I.M. 122-2-8/23

TITLE: The cutting of round profile screw threads (Narezaniye kruglykh rez'b)

PERIODICAL: "Vestnik Mashinostroyeniya" (Engineering Journal),
1957, No. 2, pp. 47 - 51 (U.S.S.R.)

ABSTRACT: Quantity cutting of round screw threads of 10-20 mm pitch is required for mechanized mine props. An enveloping die head was developed to mount straight carbide-tipped tool holders. The head, tool holders and tool geometry are illustrated. Tests led to mild steel cutting at about 230 m/min in two passes to produce a 20 mm pitch, 10 mm depth of thread.

There are 8 figures, including 2 photographs, and 4 Slavic references.

Card 1/1

AVAILABLE: Library of Congress

PAVLENKO, I. M.

KUZNETSOV, D.G., inzhener; PAVLENKO, I.M.

Cutting circular threads. Vest.mash. 37 no.2:47-51
F '57.

(MLRA 10:2)

(Screw cutting)

PAVLENKO, I.M.

Potential increase in the profitability of communication enterprises.
Vest.sviazi 15 no.7:24-25 Jl '55. (MIRA 8:8)

1. Nachal'nik Leningradskogo oblastnogo upravleniya svyazi.
(Telecommunication)

NESTERENKO, V.A.; KHRABROV, N.I.; PAVLENKO, I.Ya.; KONONENKO, V.M.

Driving and supporting haulage workings in mines developing the
Fominskoye layer. Ugol' Ukr. 7 nc.6:16-18 Je '63. (MIRA 16:8)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i
vychislitel'noy tekhniki (for Nesterenko, Khrabrov). 2. Shakhterskiy
trest ugol'nykh predpriyatiy kombinata Rostovugol' Ministerstva ugol'-
noy promyshlennosti SSSR (for Pavlenko). 3. TsNIIgoroshcheniye (for
Kononenko).

PAVLENKO, J. ; TANCJURA, N.

Automatic machine for measuring the surface and thickness of sole leathers. Tr. from the Russian.

P. 201, (Kozarstvi) Vol. 7, no. 7, July 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

SHUPIK, P.; LAVRIK, S.; SHUMADA, I.; LESHCHENKO, P.; MEDYANIK, R.; RADCHENKO, P.;
PANCHENKO, V.; YESINENKO, L.; CHEBOTAREV, D.; BRATUS', V.; ISHCHELENKO, I.;
KOMISSARENKO, I.; KOLOMIYCHENKO, I.; MAKAROVICHENKO, A.; AYUTYUNOV, A.;
SKRIPNICHENKO, D.; RODZAYEVSKIY, A.; PAVLENKO, K.; LEONENKO, K.;
KOZYRENKO, N.; PARKHOMENKO, V.; CHELEN'KO, V.

Aleksandr Kirillovich Gorchakov; obituary. Vrach. delo no.8:144-145
Ag '60. (MIRA 13:9)

(GORCHAKOV, ALEKSANDR KIRILLOVICH, 1900-1960)